Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A data processing method comprising steps of:

generating a second database as a duplicate of a first database allowing access from a program and after completion of the generation, switching a program access allowance from the first database to the second database,

after switching the program access allowance, storing a history of a processing of the program to the second database as a processing history and reorganizing the first database,

after completion of the reorganization of the first database, subjecting the first database to the processing based on the processing history stored, and

upon completion of the processing of the first database according to the processing history stored, switching the program access allowance from the second database to the first database.

2. (original) A data processing device comprising:

means for generating a second database as a duplicate of a first database allowing access from a program,

means for switching a program access allowance from the first database to the second database after completion of the generation,

means for storing a history of a processing of the program to the second database as a processing history and reorganizing the first database after switching the program access allowance,

means for subjecting the first database to the processing based on the processing history stored, after completion of the reorganization of the first database, and

means for switching the program access allowance from the second database to the first database upon completion of the processing of the first database according to the processing history stored.

3. (currently amended) A data processing method comprising steps of:

generating a second database which is a duplicate of a first database allowing access from a program, ~~and~~

after completion of the generation, switching a program access allowance from the first database to the second database;

executing a predetermined processing for the first database;

executing a second processing to the first database, the second processing being based on a history of processing of the program to the second database; and

switching the program access allowance from the second database to the first database.

4. (currently amended) A data processing method as claimed in claim 3, wherein after switching the program access allowance from the first database to the second database, the history of the processing of the program to the second database is stored as a processing history and a predetermined the predetermined processing is executed for the first database.

5. (canceled)

6. (currently amended) A data processing method as claimed in claim 5, wherein upon completion of the second processing based on the processing history stored, to the first database, the program access allowance is switched from the second database to the first database.

7. (original) A data processing method as claimed in claim 5, wherein if a predetermined condition is satisfied, the processing based on the stored processing history to the first data base is completed so that the second database is in a quiescent mode and if there is any not processed by the first database among the stored processing history, a processing based on the processing history not processed is executed to the first database.

4

8. (original) A data processing method as claimed in claim 7, wherein the quiescent mode indicates a mode that temporary storage of access requests is performed during access processing to the first database or the second database by the program and storage in the first database or the second database is stopped.

9. (original) A data processing method as claimed in claim 4, wherein the program processing to the second database and the predetermined processing to the first database are performed in parallel and concurrently.

10. (original) A data processing method as claimed in claim 4, wherein when performing the processing based on the stored processing history to the first database, the processing is performed in parallel and concurrently by a plurality of programs assigned to the key value or key range contained in the processing history.

11. (currently amended) A data processing device comprising:

means for generating a second database which is a duplicate of a first database allowing access from a program being executed;~ and

means for switching, after completion of the generation, the access allowance of the program from the first database to the second database:

means for executing a predetermined processing for the first database:

5

means for executing a second processing to the first database, the second processing being based on a history of processing of the program to the second database; and

means for switching the program access allowance from the second database to the first database.

12. (currently amended) A database processing device as claimed in claim 11 further comprising:

means for storing ~~a history~~the history of the program processing to the second database as a processing history after switching the access allowance of the program from the first database to the second database~~, and~~

~~means for executing a predetermined processing to the first database~~.

13. (currently amended) A data processing device as claimed in claim 12, wherein ~~further comprising means for performing a~~ the second processing is executed based on the stored processing history to the ~~first~~ second database upon completion of the predetermined processing to the first database.

14. (currently amended) A data processing device as claimed in claim 13, ~~further comprising means for switching~~wherein the access allowance of the program is switched from the second database to the first database upon completion of the

6

second processing based on the stored processing history to the first second

database.

15. (currently amended) A data processing device as claimed in claim 13,

further comprising means for terminating the processing based on the stored

processing history to the first second database if a predetermined condition is

satisfied and setting the second database in the quiescent mode, and if the stored

processing history contains one not processed by the first second database,

performing the processing based on the processing history not processed, to the first

database.

16. (original) A data processing device as claimed in claim 15, wherein the

quiescent mode indicates a mode that temporary storage of access requests is

performed during access processing to the first database or the second database in

the program and storage in the first database or the second database is stopped.

17. (original) A data processing device as claimed in claim 12, wherein

means for the program processing to the second database and means for the

predetermined processing to the first database operate in parallel.

18. (currently amended) A data processing device as claimed in claim 12,

wherein when the means for executing the predetermined processing performs the

processing based on the stored processing history to the ~~first~~ second database, the processing is performed in parallel by a plurality of data processing means assigned to the key value or key range contained in the processing history.

19. (currently amended) A data processing program comprising codes, the program when executed on a data processing device causing the data processing device to perform:

~~for executing a step for~~ generating a second database which is a duplicate of a first database allowing access from a program being executed; ~~and a step for~~

switching, after completion of the generation, an access allowance of the program from the first database to the second ~~database~~ database;

executing a predetermined processing for the first database;

executing a second processing to the first database, the second processing being based on a stored history of the processing of the program to the second database; and

switching the program access allowance from the second database to the first database.